

Title (en)

MACHINE FOR THE LASER WORKING OF PROFILES AND METHOD FOR CARRYING OUT AN INCLINED CUTTING OPERATION ON A PROFILE BY MEANS OF THIS MACHINE

Title (de)

MASCHINE ZUR LASERBEARBEITUNG VON PROFILEN UND VERFAHREN ZUR DURCHFÜHRUNG EINER GENEIGTEN SCHNEIDOPERATION AN EINEM PROFIL DURCH DIESE MASCHINE

Title (fr)

MACHINE DE TRAVAIL AU LASER DE PROFILS ET PROCÉDÉ DE MISE EN OEUVRE D'OPÉRATIONS DE COUPE INCLINÉE SUR UN PROFIL AU MOYEN DE LADITE MACHINE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016203357A1] A machine and a method for the laser working of profiles (P) are described, in particular for carrying out an inclined cutting operation on the profile (P), for example for making a flared hole (H), wherein before the working operation a support and guide device (12) is positioned in a given starting position along the longitudinal axis (x) of the profile (P) with respect to a working head (10), and then, during the working operation the support and guide device (12) is moved along the longitudinal axis (x) integrally with a feeding device (14), i.e. integrally with the profile (P), so as to keep constant, during the working operation, the extent of the projection (A) of the profile (P) from the support and guide device (12), said integral movement of the support and guide device (12) with the feeding device (14) being limited to that portion of the movement of the feeding device (14) which is required to compensate for tilting movements of the working head (10) about said axis of oscillation (t).

IPC 8 full level

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